

2
CITORS:

Bogolyubov, M. I., Abrikosov, N. Kh.

SOV/20-128-2-34/59

TITLE:

An Investigation of the $\text{Bi}_2\text{Se}_3 - \text{Bi}_2\text{S}_3$ System

PERIODICAL:

Doklady Akademii Nauk SSSR, 1959, Vol 128, Nr 2, pp 345-347 (USSR)

ABSTRACT:

Bismuth chalcogenides are semiconductors with high characteristics of the thermal- and photoelectric properties. They were investigated most thoroughly by P. P. Konorov (Ref 1). The above ternary system has hitherto not been investigated. It is interesting to investigate its phase composition, the character of phase interaction, and the change of the physical properties of the alloys depending upon the composition. The samples were produced by melting Bi, Se, and S in the necessary ratio in evacuated quartz ampules. The alloys were annealed at 600° in argon atmosphere for 3 months to establish a state of equilibrium. The phase composition was determined by the strength of the microstructure before and after annealing. This shows that 2 regions of solid solutions exist in the afore-mentioned system. The alloys between these regions of solid solutions had two phases and a eutectic type. By means of X-ray structural analysis it could be found that

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the alloys crystallize on the Bi₂Se₃ basis in a rhombohedral lattice, those of Bi₂S₃, however, in an orthorhombic lattice. Thermal analysis was made by means of the pyrometer by N. S. Kurnakov. Figure 1 shows the phase diagram of the system under discussion. Herefrom it follows that the two solid solutions form a eutectic at a concentration of 28 mol-% Bi₂S₃. The latter melts at 668°. The alloys in the region of the solid solution on the basis of Bi₂S₃ differ from those of Bi₂Se₃ in electrical conductivity. Figure 2 shows the diagram of the dependence of the natural logarithm of this conductivity on the composition. The dependence curve of the thermoelectric force on the composition of the alloys is also plotted in the latter. At a content of 66.7 mol-% Bi₂S₃ which corresponds to that of the compound BiSeS₂, singular points are visible on both curves. The alloy has maximum electrical conductivity compared with similar alloys. Accordingly, the thermoelectric force has a minimum of its absolute amount when approaching the composition Bi₂SeS₂. Figure 3 shows the curve of the

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dependence of thermal conductivity and microhardness on the composition. Here the maxima are visible which correspond to the last-mentioned composition. V. P. Zhuz^o and T. A. Kontorova (Ref 6) pointed to a similar change of these two characteristics in nonmetallic melts. The formation of the compounds $\text{Bi}_2\text{Se}_2\text{S}$ and Bi_2SeS_2 within the region of the solid solution on the basis of bismuth sulphide becomes clear when the crystalline structure of Bi_2S_3 (Fig 4, Ref 4) is considered. There are 4 figures and 6 references, 3 of which are Sovist.

ASSOCIATION: Institut metallurgii im. A. A. Baykova Akademii nauk SSSR
(Institute of Metallurgy imeni A. A. Baykov of the Academy of Sciences, USSR)

PRESENTED: April 8, 1959, by I. P. Bardin, Academician

SUBMITTED: April 7, 1959

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~~5-(4)~~ 24.7600, 12.8100

66490

AUTHORS: Beglaryan, M. L., Abrikosov, N. Kh.

SOV/20-129-1-37/64

TITLE: An Investigation of the $\text{Bi}_2\text{Te}_3 - \text{Bi}_2\text{S}_3$ SystemPERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 129, Nr 1, pp 135-137
(USSR)

ABSTRACT: Chalcogen compounds of the elements of the 5th group of the periodic table are used in thermochemical and photoelectrical engineering. For this reason the finding out of new semiconductor substances is of practical significance. The efficiency of thermocouples is proportional to the ratio between electric conductivity and thermal conductivity of both its branches. According to A. F. Ioffe (Ref 3) the value of this ratio can be raised by using many-body systems consisting of heavy atoms. With regard to this possibility the thermolectrical properties of the system $\text{Bi}_2\text{Te}_3 - \text{Bi}_2\text{S}_3$ were investigated. First, the phase diagram was examined and the diagram (Fig 1) suggested by M. Amadori (Ref 7) was corrected (Fig 2). Thermal analysis was carried out by means of the pyrometer according to N. S. Kurnakov. $\text{Bi}_2\text{Te}_2\text{S}$ was found to be an intermediate forming a eutectic

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An Investigation of the Bi_2Te_3 - Bi_2S_3 System

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melting at 581° with Bi_2Te_3 and one melting at 622° with Bi_2S_3 . The dependence of the electric conductivity and the thermoelectric force on the composition of the melt is shown in figure 3. In the eutectic interval Bi_2Te_3 - $\text{Bi}_2\text{Te}_2\text{S}$ the electric conductivity decreases and the thermoelectric force increases with increasing Bi_2S_3 content up to the interval of the intermediate $\text{Bi}_2\text{Te}_2\text{S}$. In the eutectic interval Bi_2S_3 - $\text{Bi}_2\text{Te}_2\text{S}$ an inverse course is observed. Measurement of microhardness (Fig 4) yielded the lowest value of hardness for $\text{Bi}_2\text{Te}_2\text{S}$. The lattice constants of $\text{Bi}_2\text{Te}_2\text{S}$, $a = 10.1 \text{ \AA}$, and $\alpha = 24.8^\circ$, were obtained by means of X-ray analysis. These values are in very good agreement with the values given for the mineral tetradymite (Ref 8). There are 4 figures and 9 references, 6 of which are Soviet. ✓

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An Investigation of the Bi_2Te_3 - Bi_2S_3 System

SOV/20-129-1-37/64

ASSOCIATION: Institut metallurgii im. A. A. Baykova Akademii nauk SSSR
(Institute of Metallurgy imeni A. A. Baykov, Academy of Sciences, USSR)

PRESENTED: June 20, 1959, by I. V. Tananeyev, Academician

✓

SUBMITTED: June 20, 1959

Card 3/3

BEGLARYAN, N. P.

"The Problem of the Inheritance of Acquired Characteristics in the Light of Michurin's Biology." Cand Biol Sci, Yerevan State U, Yerevan, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

BEGLARYAN, N.P.

Influence of alien egg white, introduced into the hen's egg,
on the development of the chick [in Armenian with summary in
Russian]. Nauch.trudy Erev.un. 64:183-186 '58.
(MIRA 11:12)

1. Kafedra darvinizma i genetiki Yerevanskogo gosudarstvennogo
universiteta.
(Poultry)

HEGLARYAN, N.Y.

Effects of X-rays on the growth and flowering of some ornamental flowers. Izv. AN Arm. SSR. Biol. banki 14 no. 10:51-58 0'61.

(MIRA 16:7)

(PLANS, EFFECT OF X RAYS ON) (FLOWERS)

BEGIARYAN, N.P.; NAZARYAN, O.A.; VOSKANIAN, A.Z.

Effect of X rays and gibberellin on some biochemical characteristics of *Ipomoea purpurea* and *Cosmea bipinnatus* varieties. Izv. AN Arm. SSR. Biol. nauki 18 no.8:32-40 Ag '65. (MIRA 18:9)

BEGLAR'YAN, P. and IL'INSKII, D.

Ratsionalizatsiia perevozok stroitel'nykh materialov. Rationalization of transportation of building material. (Zhel-dor. transport, 1945, no. 8/9, p. 38-41). Discusses the development during the war.

DLC: HE7.25

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

BEGIAR'YAN, P.; PANIN, A.

Let's substitute soft packaging of textiles for semi-hard one. Sov. torg. 35 no.10:47-48 O '61. (MIRA 14:12)
(Packing for shipment)
(Textile fabrics)

DEV'DOKIMOV, I.I.; ALEKSNYEV, V.D.; ASHIKHMAM, A.K.; BAYEV, N.V.; BEGLAR'YAN,
F.I.; BYCHKOV, I.A.; VESLOVA, Ye.T.; VYZHEKHOVSKAYA, M.P.; GUR'yENETTY,
S.A.; DED'DOV, I.M.; YESIPOV, Ye.P.; ZHUKOV, V.D.; ZELINSKIY, M.G.;
ZOL'NIKOV, F.N.; ZOLOTOTOVA, L.I.; KIVIN, A.N.; KOMARNITSKIY, Yu.A.;
KONSTANTINOV, A.N.; KUL'CHITSKAYA, A.K.; MAKSIMENKO, I.I.; MELEN'TYEV,
A.A.; MOROZOV, I.G.; MURZINOV, M.I.; OZEMBLOVSKIY, Ch.S.; OSTRYAKOV,
K.I.; PANINA, A.A.; PAVLOVSKIY, V.V.; PERMINOV, A.S.; PERSHIN, B.F.;
PRONIN, S.F.; PSHENNYY, A.I.; POKROVSKIY, M.I.; RASPONOMAREV, Ye.L.;
SEMIN, I.N.; SKLYAROV, Yu.N.; TIBABSEV, A.I.; FARBEROV, Ya.D.;
VED'UROV, G.P.; SHUL'GIN, Ya.S.; YAKIMOV, I.A.; VERINA, G.P., tekhn.red.

[Later feats of railway workers; stories about the innovators]
Trudovye podvigi zhelezodorozhnikov; rasskazy o novatorakh. Moskva,
Gos.transp.zhel-dor.izd-vo, 1959. 267 p. (MIRA 12:9)
(Railroads) (Socialist competition)

BEGLETSKIY, K.

"Leningradskaya Oblast' i Karelskaya ASSR," by K. Begletskiy, S. Krivtsov,
E. Kul'man, et. al., Moscow, 1928.

II

SOV/137-58-9-18575

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 57 (USSR)

AUTHOR: Begletsov, I.N.

TITLE: Relationship Between the Hydrogen Contained in Slag and Metal
and the Steel Smelting Process (Zavisimost' mezhdu soder-
zhaniyem vodoroda v shlage i metalle i protsessom vyplavki
stali)

PERIODICAL: V sb.: Staleplavil'n. proiz-vo. Moscow, Metallurgizdat,
1958, pp 285-313

ABSTRACT: Samplers of special design were employed in a study dealing with the content of hydrogen in metal and in slag. The amount of H evolved during solidification of samples of metal and slag was determined; the content of H retained in the solidified samples of metal and slag was determined respectively by the method of vacuum smelting for the metal and by the method of oxidation at a temperature of 1000°C for the slag. During the experimental smeltings utilizing limestone slags in a basic, 25-ton, open-hearth furnace operating in a scrap-smelting process, the content of H increased from 4.4-5.5 in the charge to 11.2-13.8 cc/100g in the metal at the instant of melting. The

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Relationship Between the Hydrogen Contained in Slag and Metal (cont.)

dissolution of H reached a rate of 1.5 cc/100 g of metal per hour. At the end of the melting stage the H content in the slag amounted to 13.2-24.9 cc/100 g of slag. In the course of the pure boil stage, at a $v_C = 0.26-0.4\%$ C/hr and $\text{CaO}:\text{SiO}_2 = 2.1-2.74$, the H content was reduced to 11.8-12.7 cc/100 g and, in the case of slag, to 17.5-22.7 cc/100 g. In experimental smeltings employing alumina-magnesia slags (at the end of the boil stage the slag contained 34-40% CaO, 15-20% MgO, 8-10% FeO, 7-10% MnO, 1-2% Fe_3O_4 , 8-12% Al_2O_3 , and 17-20% SiO₂) the H content in the charge increased from 5.48-7.12 to 11.0-12.9 cc/100 g of metal after melting. At the end of the melting stage the H content of a slag with an alkalinity of 1.2-1.6 constituted 22.5-27.9 cc/100 g of slag. At the end of the pure boil period, at $v_C = 0.1-0.31\%$ C/hr, the H contained in the metal and slag amounted to 9.3-10.9 and 10.5-13.2 cc/100 g, respectively. Thus, the employment of alumina-magnesia slag facilitates the production of metal containing a smaller quantity of H than would be the case if limestone slags were employed. It was established, with the aid of experimental smeltings performed in an acidic furnace operating on a liquid intermediate product, that the gas-permeability of this product and the amount of H contained in it are reduced as the content of SiO₂ is increased from 48% to 58%; the H content also diminishes in the metal despite the reduction of the v_C . At the end of the decarbonization process, the H

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SOV/137-58-9-18575

Relationship Between the Hydrogen Contained in Slag and Metal (cont.)

contained in metal which was smelted in an acidic furnace and in the slag amounted to 5.8-7.4 and 5.6-8.3 cc/100 g, respectively. No interdependence was observed between the v_C , the duration of the boil period, and the final H content in the metal.

L.K.

1. Metals--Analysis 2. Slags--Analysis 3. Hydrogen--Determination 4. Open hearth furnaces--Performance

Card 3/3

YASNOVSKIY, V.M.; BEGLETSOV, V.V.; MAKAROVA, T.P.; TSEYTLINA, L.A.

Vapor-phase acetylation of viscose staple fibers. Khim. volok.
no.6:41-43 '65. (MIRA 18:12)

1. Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta iskusstvennogo volokna. Submitted February 16, 1965.

L 3103 M-66 EWT(m)/EWP(j)/T RM

ACC NR: AP6012419

A

SOURCE CODE: UR/0183/65/000/006/0041/0043

AUTHOR: Vasnovskiy, V. M.; Begletsov, V. V.; Makarova, T. P.; Tseytlina, S. G.

32

13

ORG: Leningrad Branch VNIIIV (Leningradskiy filial VNIIIV)

TITLE: Vapor phase acetylation of viscose staple fiber

SOURCE: Khimicheskiye volokna, no. 6, 1965, 41-43

TOPIC TAGS: synthetic fiber, chemical reaction, vaporization

ABSTRACT: The process of activating viscose fibers for acetylation by treating with aqueous salt solutions was investigated. Sodium, potassium, zinc and calcium acetates and sodium carbonate were evaluated as activators for vapor phase acetylation of the fibers. 11-12% sodium acetate on the fiber is optimum. Equilibrium in the solution-fiber system is then attained after 10 minutes of activation. Since 35-45% bonding with acetic acid is attained in 3-10 minutes of acetylation, vapor phase acetylation may be amenable to a continuous operation.
Orig. art. has: 3 figures, 1 table and 5 equations.

SUB CODE: 07/11/ SUBM DATE: 16Feb65/ ORIG REF: 003/ OTH REF: 008

Card 1/1 MLP

UDC: 677.4:542.951.12

WAKETSOVA, N.A.

Work of progressive drilling crews of the association of Ukrainian oil fields. Neft.khoz.34 no.6:59-62 Je '56. (MLRA 9:9)
(Ukraine--Oil well drilling)

KRAZHERINNIKOV, S.A.; ENGLIN, B.M.

Effects of the geometrical dimensions of the absorption apparatus
on the absorption of poorly soluble and soluble gases. Uzb. khim.
zhur. no. 1 (6) 1961. (MIRA 14:1)

1. Moskovski^z chmiko-tehnologicheskiy institut imeni D.I. Mendeleyeva.
(Absorption) (Gases) (Ammonia)

KRASHENINNIKOV, S.A.; BEGLOV, B.M.

Absorption of ammonia by water. Izv.vys.ucheb.zav.; khim.i khim.
tekhn. 5 no.1:160-165 '62. (MIRA 15:4)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni Mendeleyeva,
kafedra tekhnologii neorganicheskikh veshhestv.
(Ammonia) (Absorption)

REGLOW, B.M.; SHOKIN, I.N.; KRASHENINNIKOV, S.A.; USYUKIN, I.P.

Ammonium bicarbonate production process. Khim.prom.
no.10:719-723 O '62. (MIRA 15:12)
(Ammonium carbonate)

BEGLOV, B.M.; SOKIN, I.N.; KRASHENINNIKOV, S.A.

Crystallization of ammonium bicarbonate. Uzb. khim. zhur. 8 no.6:
5-10 '64. (MIRA 18:4)

1. Moskovskiy khimiko-tehnologicheskiy institut.

BEGLOV, B.M.; SHOKIN, I.N.; KRASHENINKOV, S.A.

Process of crystallization of ammonium bicarbonate. Uzb.khim.zhur.
8 no.5:10-17 '64. (MIRA 18:5)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni Mendeleyeva.

BEGLOV, D.A.

Radiator pipes with secondary radiators for heating furnaces.
Gaz. prom. 9 no.4:14-19 '64. (MIRA 17:8)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1

~~BYGLOV, O.D.; TSHARV, A.V.~~

Design for windshield defroster. Prom. engng. 12 no. 5:22 My '57.
(Automobiles--Windows and windshields) (MIRA 10:6)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1"

2001. INSTALLATION FOR EXPRESSION HAMONIACINE. Klenkow, I.A., and
Belyayev, S. V. Vestn. Russ. Fizh. (Tech. Ind.) 1953, vol. 35, (6);
1953, 47, 1035. In Chem. Abstr., 1953, vol. 47, 1035. A description of a
process for removing liquids from the母liquids after cooling from crystallization
in by-product etching plants.

C.A.

BEGLOVA, T.G.

Analysis of causes of a protracted course of brucellosis.
Trudy Inst.kraev.pat.AN Kazakh.SSR 6:103-112 '58.
(MIRA 12:6)
(BRUCELLOSIS)

BEGLOVA, T.G.

Influence of preliminary irradiation with X rays on the course of brucellosis in guinea pigs. Report No. 2: Diffusion of Brucella in the organism and formation of antibodies in irradiated guinea pigs. Trudy Inst.kraev.pat.AN Kazakh SSR 12:66-74 '62. (MIRA 15:11)
(X RAYS---PHYSIOLOGICAL EFFECT) (BRUCELLOSIS)

ADYRKHAYEV, A.G.; BEGLOVA, T.G.

Condition of the heart in patients with latent and chronic forms of
brucellosis. Trudy Inst.kraev.nat.AN Kazakh SSR 12:149-155 '62.
(MIRA 15:11)
(ELEKTRONAKHODKARMI) (BRUCELLOSIS)

BEGLOVA, T.G.

Change in hematological indexes in patients with latent and chronic
brucellosis. Trudy Inst.kraev.pat.AN Kazakh SSR 12:170-174 '62.
(MIRA 15:11)

(BRUCELLOSIS) {BLOOD—EXAMINATION}

BYGLOVA, T.G.

Clinical aspects of brucellosis and its characteristics in the
rural population of Kazakhstan. Izv. AN Kazakh. SSR Ser. med.
nauk 11 no.3:81-86 '64 (MIRA 18:1)

BEGLOVA, Z. K.

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
Chemical Industry and Misco.
Industrial Products

The content of silicon in the blood of silicosis patients,
Z. K. Beglova and A. I. Alekseeva. *Vestnik Akad. Nauk KazSSR*, S.S.R. 10, No. 7, (Whole No. 100), 89-93 (1953).—
On the basis of clinical results it is concluded that spectrographic analysis for Si run on blood samples of suspected cases can be used for diagnosis of silicosis in early stages provided it is combined with general examn. and lung x-ray. The actual Si level does not seem to be as important in workers that spend much time in mines, in this respect, as is the stability of Si blood level. High Si level that persists indicates silicosis. G. M. Kosolapoff

BEGLOVA, Z.K.; ALEKSEYeva, A.I.

~~Silicon content of the blood and tissues in silicosis. Bor'ba s sil.~~
2:313-317 '55. (MIRA 9:5)

1. Institut krayevoy patologii Akademii nauk Kazakhskoy SSR.
(SILICON IN THE BODY) (LUNGS--DUST DISEASES)

BEGLOVA, Z.X.

Some pathomorphological changes during the early stages of silicosis.
Trudy Inst.kraev.pat. AN Kazakh.SSR 4:160-168 '56. (MLRA 10:3)
(LUNGS--DUST DISEASES)

BAGLOVA, Z.K.; ALEKSEYeva, A.I.

Silicon dioxide content of the blood and urine in miners of a
Karaganda coal mine. Trudy Inst.kraev.pat. AN Kazakh.SSR 4:169-
174 '56. (MLRA 10:3)

(SILICON DIOXIDE) (BLOOD--ANALYSIS AND CHEMISTRY)
(URINE--ANALYSIS AND PATHOLOGY)

MEGLOVA, Z.K.; STYCHINSKAYA, M.I.

Blood picture in patients with silicosis; preliminary report. Trudy
Inst.kraev.pat. AN Kazakh.SSR 4:183-187 '56. (MLB 20:3)
(LUNGS--DUST DISEASES) (BLOOD--ANALYSIS AND CHEMISTRY)

BEGLOVA, Z.K.

~~Pathomorphism of eclampsia.~~ Zdrav.Kazakh. 16 no.12:36-38 '56.
(MLRA 10:2)

1. Iz Instituta krayevoy patologii Akademii nauk KazSSR.
(CONVULSIONS)

USSR / General Problems of Pathology. Transplantation U-2
of Tissues and Tissue Therapy.

Abs Jour: Ref Zhur-Biol., No 15, 70738.

Author : Beglova Z. K.

Inst : Academy of Sciences Kazakh SSR.

Title : The Prophylaxis of Experimentally Induced Silicosis
By Biogenic Stimulators ("FIBS").

Orig Pub: Vestn. Akademii Nauk KazSSR, 1957, No 3, 87-94.

Abstract: For a period of six months, 56 rats were placed daily into a chamber with silica dust in the air. All the 20 rats survived, when, simultaneously with exposure to dust, they received daily one milligram of the FIBS compound introduced through the esophagus. Five of the 20 rats who had received the FIBS compound after they had contracted silicosis died. Six of the sixteen control rats

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BEGLOVA, Z.K.

ALEKSEYEVA, A.I., kand.fiziko-matematicheskikh nauk; BEGLOVA, Z.K., kand.med.
nauk

Method of quantitative spectrographic determination of silicon in the
biological substratum of the organism. Gig. i san. 22 no.12:71-73
D '57 (MIRA 11:3)

1. Iz Alma-Atinskogo pedagogicheskogo i uchitel'skogo instituta imeni
Abaya.

(SILICON, determ.
in blood, tissue & urine by spectography (Rus)

BEGLOVA, Z.K., kand. med. nauk

Initial pathomorphological changes in the lungs of practically healthy workers under the influence of molybdenum mine dust.
Ber'ba s sil. 6:232-234 '64 (MIRA 18:2)

1. Institut krayevoy patologii AN Karakal'skoy SSR.

BEGLOVA, Z.K.; ALEKSEYEVA, A.I.

Amount of silicon in the blood, tissues, and urine of patients with
silicosis. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:21-24 '60.
(MIRA 14:5)

(SILICON IN THE BODY) (LUNGS--DUST DISEASES)

BEGLOVA, Z.K.

Pathomorphological changes in the lungs of white rats caused by
mine dust of the Karaganda Coal Basin. Trudy Inst. kraev. pat.
AN Kazakh. SSR 8:25-31 '60. (MIRA 14:5)
(LUNGS—DUST DISEASES)

BEGLYANOVA, M.I.; OPARIN, S.V. [deceased]

Some alkaloid-bearing plants of Krasnoyarsk Territory. Report
No.2. Uch. zap. Kras. gos. ped. inst. 15:117-127 '59. (MIRA 14:12)
(Krasnoyarsk Territory—Botany, Economic)
(Alkaloids)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1

BEGLYANOVA, M.I.

Agaricales of the southern part of Krasnodar Territory. Uch.zap.Kras,
gos.ped.inst. 24 no.6:109-126 '63.

(MIRA 18:10)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1

BEGLYARBEKOV, Sh.A.

Role of water contamination in the incidence of typhoid fever. Azerb.
med. zhur. 41 no.1:71-73 Ja '64.
(MIRA 17:12)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1"

USSR/General and Specialized Zoology - Insects.

P.

Abs Jour : Ref Zhur - Biol., No 9, 1958, 40090

Author : Boglyarov, G.A.

Inst : -
Title : The Effect of DDT on the Numbers of Tetranychus Mites and
Their Predators.

Orig Pub : Entomol. obozreniye, 1957, 36, No 2, 370-385.

Abstract : Five species of tetranychus mites were found on the apple tree in the Krasnodar region, especially damaging were Bryobia redikorzevi and Tetranychus crataegi. Fourteen species of mites of four families and seven species of other insects were found among the predators of the mites. Field observations and experiments led to the conclusion that in nature the mite eaters kept in check the numbers of the injurious tetranychus mites on an economically imperceptible level. Treatment of the garden with DDT was accompanied with a sharp decrease in the numbers of the

Card 1/2

BEGLYAROV, G. A., Cand Biol Sci — (disc) "Tetranychus mites and their
enemies in gardens of Krasnodarskiy Kray." Len, 1958. 16 pp (All-Union
Order of Lenin Acad of Agr Sci im V. I. Lenin, All-Union Sci Res Inst of
Plant Protection), 100 copies (KL, 18-58, 97)

-37-

REGLYAROV, G.A.

Species of Phytoseiidae (Parasitiformes, Gamasoidea) as predators of
tetranychoid mites in orchards of Krasnodar Territory. Trudy VIZR
no.10:98-124 '58. (MIRA 12:1)
(Krasnodar Territory--Mites--Biological control)

BEGLYAROV, G.A.

Biology of Tetranychus crataegi Hirst (Acariformes, Tetranychidae). Int. oboz. 38 no.1:135-144 '59. (MIRA 12:4)

1. Vsesoyuznyy institut zashchity rasteniy, Leningrad.
(Krasnodar Territory--Red spider) (Fruit--Diseases and pests)

BEGLYAROV, G.A.

Two new mite species of the genus *Typhlodromus* Schueten, 1857
(Parasitiformes, Phytoseiidae). Ent. oboz. 39 no.4:956-958 '60.
(MIRA 14:3)

1. Vsesoyuznyy institut zashchity rasteniy (VIZR), Leningrad.
(Mites) (Parasites—Insects)

BEGLYAROV, G.A., kand.biolog.nauk

"Tetranychid mites of Kazakhstan; with a revision of the family"
by V.A. Vainshtein. Reviewed by G.A. Beglyarov. Zashch.
rast. ot vred. i bol. 7 no.2:61 F '62. (MIRA 15:12)
(Soviet Central Asia—Red spider)

ZEN'KEVICH, A.G.; REGLYAROV, G.A., kand. biolog. nauk; VASIL'YEV, R.A.

New preparations. Zashch. rast. ot vred. i bol. 8 no. 6:48
Je '63. (MIRA 16:8)

(No subject headings)

BEGLIAROV, M.G.

Interesting regional study ("Georgian military road" I.A.Ardzhevanidze.
Reviewed by M.G.Begliarov). Priroda 45 no.4:120-121 Ap '56.(MLRA 9:?)

1.Tribuli-Magare, Gruinskaya SSR.
(Georgia--Description and travel) (Ardzhevanidze, I.A.)

HEDLYAROV, S.

Shipbuilding in India. Mer. flot 18 no.12:27-28 D '58.

(MIRA 12:1)

1.Zamestitel' direktora kantery po ekspluatatsii arendovannego
fleta B/O "Sevfrakht."
(India--Shipbuilding)

Beglyarov, S.A.

99-5-4/11

AUTHOR: Beglyarov, S.A., Engineer. Gankin, M.Z., Candidate of Mechanical Sciences, Kondrat'yev, V.V., Engineer

>Title: Selection of Type for Drainage Canal Pumping Stations
(Tipovoye proyektirovaniye meliorativnykh nasosnykh stantsiy na kanalakh)

Vol. 9,

PERIODICAL: Gidrotekhnika i Melioratsiya, 1957, # 5, p 23-32 (USSR)

ABSTRACT: In 1955 and 1956 the USSR Ministry of Agriculture selected 11 types of pumping stations for irrigation systems, and 2 types for drainage systems. The capacities of the pumps ranged from 100 liter/sec to 6 cu m/sec with manometric pressures up to 30 m, to be installed at canals with variations of water levels up to 2 m. For pumps with up to 150 kw power input, asynchronous, squirrel cage motors of the series "A", "AO" and "ГАМ-6" for vertical and horizontal assembly were used; for pumps with a power input of 150 - 300 kw synchronous low-voltage motors of the type "ДС", and for pumps with a power input exceeding 300 kw high voltage motors (6,000 v) of the types "ДО" and "МС" were used. Giprovodkhoz endeavored to standardize as much as possible the construction of the pumping units as well as their components. In 1957, development of 8 new types of pumping stations, of which 7 are to serve for irrigation, and 1 for drainage

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Selection of Type for Drainage Canal Pumping Stations

99-5-4/11

purposes, were planned. Great attention was paid to automatic operation, and provisions were made for mechanization of construction work by applying pre-fabricated reinforced concrete elements. The types and dimensions of pumping station buildings depend on the types of pumps and electric motors used. For axial pumps, buildings of the chamber type with dry or wet chambers are chosen; for rotary pumps with a capacity of 300 liters/sec (pumps of the types "6K-12", "6K-8", "6K-18", "8K-12", "12-Л-19" and "12-НДС") buildings of the water-conducting type and for rotary pumps with a capacity exceeding 30 liters, chamber-type buildings with dry chambers are used. Transformers are either installed inside or outside of the buildings. The selection of the layout as well as the hydromechanical and electric installation of pumping stations was dictated by requirements for efficiency and technical expediency, e.g. minimum capital investments, minimum number of types, and remote-controlled operation of stations. Four technological systems have been developed for pumping stations. For the development of various types of buildings, special attention was paid to the use of prefabricated reinforced concrete structural parts and prefabricated reinforced concrete pipes. The buildings of the

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Card 3/3

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(Государственный институт по проектированию водоканализации -

ASSOCIATION: State Planning Institute for Water Supply Institutions
vennykh ob'yektov - Giprovodokhod)

This article contains 6 figures and 1 table.

and expensive underground chambers. The walls are supported by
conduiting type area of more simple construction, without complex
reinforced concrete foundations. The buildings of the water-
chamber type are designed either as monolithic or prefabricated
quarry stone-concrete prefabricated foundations.

Selection of Type for Drainage Canal Pumping Stations
99-5-4/21

SITKOVSKIY, P.A.; KOMAROV, G.V.; BRUSENTSEV, V.F.; KREMENETSKIY, N.N.;
MAMAYEV, M.G., kand.tekhn.nauk; SMIRNOV, A.V., kand.tekhn.nauk;
AFANAS'YEV, I.V.; VOLOD'KO, I.F., kand.tekhn.nauk; BINGLYAROV, S.A.;
KONDRAT'YEV, V.V.; KARLINSKAYA, M.I.; NIKOLAYEV, M.I., kand.tekhn.
nauk; DOROKHOV, S.M.; PISHCHUROV, P.V.; KLIMENTOVA, A.V.; ROZEMBLAT,
Zh.I.; FANDEEYEV, V.V., kand.tekhn.nauk; KULIKOV, P.Ye.; SHIMANOVICH,
S.V.; DELITSIN, M.V., retsenzent; BRAUDE, I.D., retsenzent; BARYSHOV,
A.M.; retsenzenf; GRIGORYANTS, A.S., retsenzent; IGNATYUK, G.L.,
retsenzent; KALABUGIN, A.Ya., retsenzent; KREMENETSKIY, N.D.,
retsenzent; POPOV, K.V., retsenzent; ORLOVA, V.P., red.; LETNEV,
V.Ya., red.; SOKOLOVA, N.N., tekhn.red.; FEDOTOVA, A.Y., tekhn.red.

[Handbook for hydraulic and agricultural engineers] Spravochnik
gidrotekhnika melioratora. Moskva, Gos.izd-vo sel'khoz.lit-ry,
1958. 766 p.

(Hydraulic engineering)

(Agricultural engineering)

EGLYAROV, S.A., inzh.; KONDRAT'YEV, V.V., inzh.

From practices in the design and use of large floating pumping stations. Gidr. i mel. 14 no.12:18-32 D '62. (MIRA 16:5)

1. Vsesoyuznyy gosudarstvennyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut Ministerstva vod'skogo khozyaystva SSSR.
(Pumping stations)

KONDRAT'YEV, V.V., inzh.; KROL', E.G., inzh. Prinimal uchastiye
BEGLYAROV, S.A., inzh.

[Instructions for designing irrigation pumping stations]
Ukazaniia po proektirovaniu irrigatsionnykh nasosnykh
stantsii. Moskva, Pt.1. 1963. 122 p. (MIRA 18:4)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-
izyskatel'skiy institut Giprovodkhoz.

KROL', E.G., inzh.; KHOKHLOVA, A.N., inzh.; BEGLYAROV, S.A., inzh., rukovoditel' raboty; IGNATYUK, G.L., glavnyy red.; KAGAN, G.S., zamstittel' glavnogo red.; GANKIN, M.Z., red.; DEVILIERS, B.P., red.; ZHEREBTSOV, V.V., red.; ZHUKOV, G.A., red.; KREMER, Ye.S., red.; OFFENGENDEN, S.R., red.; PAVLOV, Ye.L., red.; PETROVSKAYA, I.V., red.; FAYNTSIMMER, V.M., red.; FROG, N.P., red.; CHERNIKEVICH, L.A., red.; SHAPAYEV, A.M., red.

[Special operating conditions of irrigation pumping stations.]
Spetsial'nye rezhimy orositel'nykh nasosnykh stantsii. Moskva,
Giprovodkhoz, 1964. 136 p. (Moscow. Vsesoyuznyi proektno-
izyskatel'skii i nauchno-issledovatel'skii institut Giprovod-
khoz. Trudy, no.27). (MIRA 19:1)

1. Nachal'nik otdela nasosnykh stantsiy Vsesoyuznogo gosudarst-
vennogo proyeктno-izyskatel'skogo i nauchno-issledovatel'skogo
instituta vodokhozyaystvennogo stroitel'stva (for Beglyarov).

BEGLYAKOV, I.

VARTANOV, Grant Gaykazovich; DUDAROV, Inal El'bertovich; BEGLYAROV, T.T.,
redaktor; AL'TMAN, T.B., redaktor izdatel'stva.

[Work practices of specialist crews in building for the
petroleum industry] Opyt raboty kompleksnykh brigad na stroikakh
neftianoi promyshlennosti. Baku, Azerbaidzhanskoe gos.izd-vo
neft.i nauchno-tekhn.lit-ry, 1957. 45 p. (MIRA 10:11)
(Petroleum industry--Equipment and supplies)

BEGLYAROV, V. G.

Methods of determining the constant coefficients λ of hydroelectric power stations. Algorism for planning the economic regime of a combined power system without considering losses from the network. Izv. AN Arm. SSR. Ser. tekh. nauk 14 no.5:7-20 '61. (MIRA 15:1)
(Electric power plants)

BEGLYAROV, V.G.

Optimum operating conditions for power systems. Izv. AN Arm.
SSR. Ser. tekhn. nauk 15 no.1:25-34 '62. (MIRA 16:7)

1. Institut energetiki AN Armyanskoy SSR.
(Hydroelectric power stations)

BEGLYAROV, V.G.

Example of using a calculating machine to compute the optimum operating conditions for hydroelectric and thermal electric stations. Izv.AN Arm.SSR.Ser.tekh.nauk 15 no.6:57-58 '62.
(MIRA 16:2)

1. Institut energetiki AN Armyanskoy SSR.
(Transcaucasia—Electric power plants)
(Calculating machines)

BEGLYAROV, V.G.

Optimum distribution of the generated power in systems with
hydroelectric power plants by the dynamic scanning method.
Izv. AN Arm. SSR Ser. tekhn. nauk 16 no.5:11-21 '63.

(MIRA 16:12)

1. Institut energetiki AN Armyanskoy SSR.

AGATEVA, S.I.; BEGLYAROVA, A.R.

Polarographic method of analysis of the isomeric composition
of divinylbenzenes. Azerb. khim. zhur. no. 2:71-73 '65.

(MIRA 18:12)

1. Institut neftekhimicheskikh protsessov AN AzerSSR. Submitted
Dec. 10, 1964.

MOMOT, Ya. G.; SOROCHENKOV, A.F.; LITOVCHENKO, M.K.; SAFAROV, T.S.;
BEGLYAROVA, L.S.

"Plant breeding" by N. A. Maisurian. Reviewed by IA. G. Momot and
others. Zemledelie 23 no.6:94-95 Je '61. (MIRA 14:6)

1. Kafedra rasteniyevodstva Samarkandskogo sel'skokhozyaystvennogo
instituta.

(Field crops)
(Maisurian, N.A.)

BEGLYAROVA, N.T.

Occurrence of tuberculosis with temporary loss of working capacity
in workers of the establishments of machinery industry in Kharkov.
Probl. tub. 42 no.12:3-8 '64. (MIRA 18:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut tuberkuleza
(direktor - dotsent A.G. Khomenko), Khar'kov.

GOL'DENBERG, A.Ya.; BEGLYAROVA, N.T.; KUYACHAYA, D.K.; KLETSKINA, K.T.;
BISKUBOVA, Z.O.; BAYRAMOV, M.N.; SHUSTER, D.Ye.; TOLL', M.Kh.

Prophylactic examination of the population for tuberculosis. Sov.
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1. Iz organizatsionno-metodicheskogo sektora (rukovoditel' - kand.
med.nauk A.Ya.Gol'denberg) Khar'kovskogo instituta tuberkuleza i
oblastnykh protivotuberkuleznykh dispanserov: Khar'kovskogo
(glavnyy vrach N.T.Beglyarova), Dnepropetrovskogo (glavnyy vrach
K.T.Kletskina), Zaporozhskogo (glavnyy vrach M.M.Bayarov) i
Sevastopol'skogo gorodskogo dispansera (glavnyy vrach M.Kh.Toll').
(TUBERCULOSIS—PREVENTION) (MEDICAL SCREENING)

BEGMA, A.A., inzhener.

~~Studying the performance of T8-2A grain drills when checkrowing corn. Sel'khozmashina no.10:19-21 O '56.~~ (MLRA 9:12)
(Drill (Agricultural implement))

BEGMA, A. A., Cand Tech Sci -- (diss) "Study of the operation of the T8-2A Grain Sowing Machine in the sowing of corn by the Check Row Method." Mos, 1957. 17 pp 20 cm. (Min of Agriculture USSR, Mos Inst of the Mechanization and Electrification of Agriculture in V. M. Molotov), 110 copies (KL, 26-57, 107)

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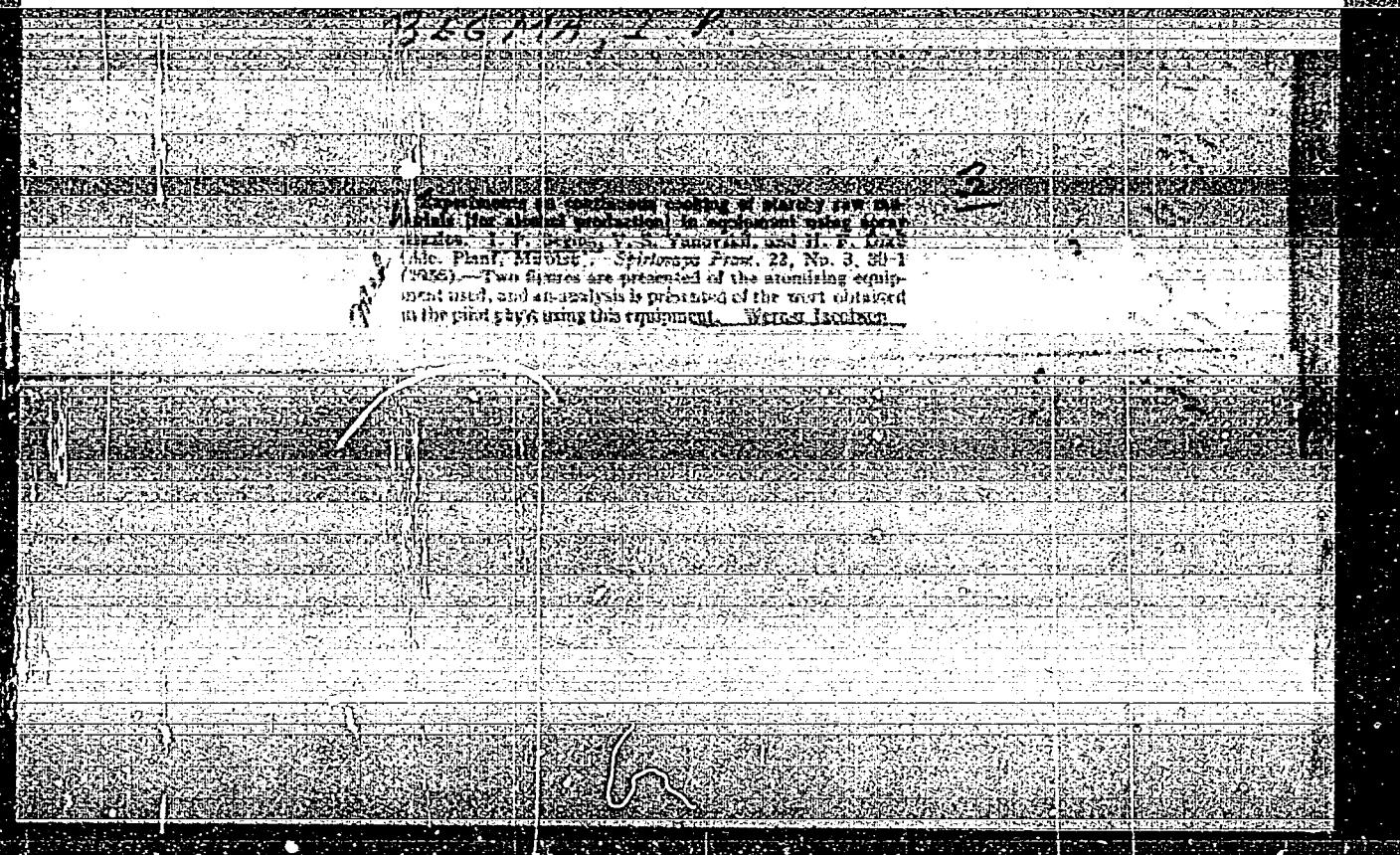
CIA-RDP86-00513R000204210001-1

RULLA, N.V., kand. tekhn. nauk; BEGMA, D.G., inzh.; SAMOYLOV, G.D., inzh.

Effect of the conditions of centrifugal casting on the phase composition
of pipe steel. Proizv. trub no.10:75-80 '63. (MIRA 17:10)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1"



BEGMA, G. [Behma, H.]

Economic accounting groups of specialists and engineers. Sil'.
bud. 12 no.3:18-19 Mr '62. (MIRA 15:8)

1. Nachal'nik tekhnicheskogo otdela Glavnogo upravleniya
stroitel'stva "Ukrsil'gosptekhniki".
(Ukraine--Construction industry)

SEN'KO, Ya.A.; BEGMA, I.P.

Experience of the Budyl'skii Distillery in the reconstruction of
its equipment. Spirt. prom. 28 no. 6:37-38 '62. (MIRA 16:10)

1. Khar'kovskiy spirtotrest (for Sen'ko). 2. Budyl'skiy spirtovoy
zavod (for Begma).

BEGMA, I.P.; YANOVSKIY, V.S.; DIXIY, N.F.

~~██████████~~ Continuous cooking of starchy raw materials in pulverized form.
Spirt, prom. 22 no.3: 30-31 '56. (MLRA 9:11)

1. Mirotskiy spirtovyj zavod.
(Distilling industries)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1

KISELYANOV, V.M., kand.tekhn.spek; BEZMA, I.V., kand.tekhn.nauk

Effect of road trafficability on conditions and safety
of vehicular traffic. Avt.dor.i dor.stroi. no.1:12-15
'65. (MIRA 18:11)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1

TOMAREVSKAYA, Ye.S., kand.tekhn.nauk; BEGMA, I.V., insh.

Determining road visibility with the aid of perspective projections. Avt.dor. 22 no.6:15-16 Je '59. (MIRA 12:9)
(Roads--Design)

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CIA-RDP86-00513R000204210001-1"

TOMAREVSKAYA, Ye.S., kand.tekhn.nauk; BEGOMA, I.V., inzh.

Driver's visual perception of road direction. Avt.dor. 23
no.1:3 of cover Ja '60. (MIRA 13:5)
(Automobile drivers)

BEGMA, I.V.; TOMAREVSKAYA, Ye.S.

Designing upward curves taking into account visual perception of
the road. Avt. dor. 24 no.7:20-21 Jl '61. (MIRA 14:?)
(Roads--Design)

Begma, V.A.

✓ 3075. Systematic scheme of analysis of slags -
Martin slags by means of photocalorimetry. V. M.
Beraznyak, V. A. Begma and V. A. Kuznetsov
Zavod. Lab., 1958, No. 10, p. 303-303). Methods of
determining SiO₂, Al₂O₃, total Fe, MnO, MgO, P₂O₅,
Cr₂O₃ and TiO₂ by well-known photocalorimetric
methods, and CaO by titration, are described.

G. S. SMITH

2

Nitallurgy Plant im. K. Chkheidze.

BEGMA, J. A.

3
Systematic Procedure for the Analysis of O.H. Slags with the Use of Photochromometry. V. M. Baranovskii, V. A. Begma, and V. I. Zemlyakov. (Kosmicheskaya Laboratoriya, 1955, No. 1, 199-201). (In Russian). In the procedure described 0.4-g of the finely-powdered sample of O.H. slag is brought into solution in such a way that most of the components can be determined from the first weighed portion. The volume of the solution is made up to 300 ml and aliquot portions are taken for the determination of SiO_2 , Al_2O_3 , total iron, MnO , MgO , P_2O_5 , Cr_2O_3 , and TiO_2 , by photochromometric methods and of CaO by a volumetric method. The results obtained agree with those of gravimetric and volumetric determinations. Separate portions of the sample are taken for the determination of FeO and number-a.x.

~~EGOROV, Igor' Vladimirovich; TOMAREVSKAYA, Yevgeniya Stepanovna,
d.o.c.; KONONOVA, V.S., red.; BODANOVA, A.P., tekhn.red.~~

[Design of a highway taking visual perception into
consideration] Proektirovanie avtomobil'noi dorogi s
uchetom zritel'nogo vospriyatiia. Moskva, Avtotrans-
izdat, 1963. 74 p. (MIRA 16:9)
(Roads--Design)

GORBOVETS, Mark Naumovich, inzh.; SHTEYNBERG, Aleksandr Samoilovich;
BEGMA, Vasiliy Filippovich, inzh.

[Practices in manufacturing large-panel elements for two-story apartment houses in rural areas] Opyt proizvodstva krupnoperel'nykh elementov dvukhetazhnykh zhilykh domov dlia sel'skikh raionov. Moakva, Stroizdat, 1964. 28 p.

(MIRA 17:12)

1. Moscow. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stu.

BEGMAT, I., prepodavatel'; ALEKSANDROV, L.I., starshiy nauchnyy sotrudnik;
REBROV, P.I., kand.veter. nauk

Use of tissue preparations. Veterinariia 37 no.1:8-10 Ja '60.
(MIRA 16:6)

1. Priazovskiy sel'skokhozyaystvennyy tekhnikum (for Begmat).
2. Novosibirskaya nauchno-issledovatel'skaya veterinarnaya stantsiya
(for Aleksandrov). 3. Nar'yan-Marskaya sel'skokhozyaystvennaya
opytnaya stantsiya (for Rebrov).

(Tissue extracts) (Veterinary medicine)

S/194/62/000/004/100/105
D201/D308

9.1400

AUTHOR: Begmat, I. M.

TITLE: Input arrangements of strip transmission line receivers

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 4, 1962, abstract 4-7-189sh (V sb. Materialy nauchno-tekhn. konferentsii. Belorussk resp. pravl. nauchno-tekhn. o-va radiotekhn. i elektrosvyazi. K 100-letiyu so dnya rozhd. A. S. Popova. Minsk, AN BSSR, 1960, 48-64)

TEXT: The procedure in designing input circuits of microwave receivers is given, the circuits being built as single or multisection filters of various types of strip-line. The method is based on the use of equivalent lumped constant circuits. Data showing good agreement between theory and experiment are given. [Abstracter's note: Complete translation.]

Card 1/1

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1

BEGMATOV, A. (Novosibirsk)

"Unsteady underground water flow in case of a sloping dam. Izv.
AN SSSR Mekh. i mashinostr. no.6:167-171 N-D '64.
(MIRA 18:2)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000204210001-1"

KISELEV, T.; DIORDITSA, A.; TYNURIS, E.; CHOGOVADZE, G.; BEGMATOVA, S.; GAPUROV,
M.; KAKHAROV, A.

The entire country participates in foreign trade. Vnesh. torg. 43 no.12:
6-12 '63. (MIRA 17:2)

1. Predsedatel' Soveta Ministrov ~~Baljuranskoy~~ SSR (for Kiselev). 2. Pred-
sedatel' Soveta Ministrov Moldavskoy SSR (for Diorditsa). 3. Zamestitel'
Predsedatelya Soveta Ministrov Estonskoy SSR (for Tynuris). 4. Zamesti-
tel' Predsedatelya Soveta Ministrov Gruzinskoy SSR (for Chogovadze). 5.
Zamestitel' Predsedatelya Soveta Ministrov Kirgizskoy SSR (for Begmatova). 6.
Predsedatel' Soveta Ministrov Turkmenskoy SSR (for Gapurov). 7. Pred-
sedatel' Soveta Ministrov Tadzhikskoy SSR (for Kakharov).

BEGMATOV, A. (Novosibirsk); RYBAKOVA, S.T. (Novosibirsk)

Interaction of water-bearing strata divided by weakly permeable
strata. Izv. AN SSSR. Mekh. no.2:182-186 Mr-Apr '65.

(MIRA 18:6)

LEBZIN, Ye.V.; GRISHCHENKO, Yu.A.; KUSHNIROV, I.V.; BYKOV, B.Ye.;
BEGMETOV, E.

Mubareck gas-oil basin in western Uzbekistan. Geol. nefti i
gaza 8 no.12:55-59 D '62. (MIRA 18:2)

1. Institut geologii i razrabotki neftyanykh i gazovkh mestorozh-
deniy AN Uzbekskoy SSR i trest Karshineftegasrazvedka.

LEBZIN, Ye.V.; BEGMETOV, E.Yu.; ZHUKOVSKIY, B.L.

Recent data on the prospects for finding gas and oil in the southeastern sector of the Bukhara-Khiva area. Geol. nefti i gaza 8 no.5:13-16 My '64. (MIRA 17:9)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy AN Uzbekskoy SSR i trest Karshineftgazrazvedka.

SOV/137-57-1-1488

Translation from: Referativnyy zhurnal. Metallurgiya, 1957, Nr 1, p 198 (USSR)

AUTHOR: Begnal, K. U.

TITLE: Problems of Polonium Chemistry (Nekotoryye voprosy khimii poloniya)

PERIODICAL: V kn.: Khimiya yadernogo goryuchego (Dokl. in. uchenykh na Mezhdunar. konferentsii po mirnomu ispol'zovaniyu atom. energii, Zheneva, 1955). Moscow, Goskhimizdat, 1956, pp 505-510

ABSTRACT: A survey. An examination of production methods, structure, and physical and chemical properties of Po. Bibliography: 29 references.

V. R.

Card 1/1

OMRIU, S., membru corespondent al academiei R.P.R.; MUNTIU, N.;
MIRZA, E.; PREDOVICIU, F.; NEGRANTIU, F.; BEGNESCU, P.; ZAHARIA, V.

Effect of the central nervous system on therapy of experimental
meningeal tuberculosis in dogs. Stud. cercet. inframicrobiol.,
Bucur. 6 no.3-4:513-522 July-Dec. 1955.

(TUBERCULOSIS, MENINGEAL, experimental

eff. of antibiotics, role of CNS funct. & eff. of
phenobarbital-induced sleep & of amphetamine)

(ANTIBIOTICS, eff.

on exper. meningeal tuberc., role of CNS funct. & eff. of
phenobarbital-induced sleep & of amphetamine)

(SLEEP, eff.

phenobarbital-induced sleep, on meningeal tuberc. during
antibiotic ther., in dogs)

(AMPHETAMINE, eff.

on meningeal tuberc. during antibiotic ther., in dogs)

(CENTRAL NERVOUS SYSTEM, in various dis.

exper. meningeal tuberc., eff. of phenobarbital-induced
sleep & amphetamine on response to antibiotic ther., in dogs)

OERIU, S.; MUNTIU, N.; HEYTMANEK, C.; PREDOVICI, F.; BEGNESCU, P.;
ZAHARIA, V.

Effect of the central nervous system on chemotherapy. I.
Effect of drug-induced sleep on evolution and therapy of
experimental trypanosomiasis. in rats. Probl. ter., Bucur.
3:147-157 1956.

1. Membru corespondent al academiei R.P.R. (for Oeriu)
(TRYPANOSOMIASIS, experimental
eff. of oxophenarsine, with prolonged sleep, relation to
CNS funct.)
(CENTRAL NERVOUS SYSTEM, physiology
eff. on chemother. of exper. trypanosomiasis)
(OXOPHENARSINE, effects
on exper. trypanosomiasis, eff. of CNS funct. &
prolonged sleep)
(SLEEP, effects
prolonged sleep, on evolution & chemother. of exper.
trypanosomiasis)

BEGNESCU, P.; GAZDARU*ADAMESTEANU, C.; GERANIU, E.

Method of preparing thrombin. p. 207. COMUNICARILE. Bucuresti.
Vol. 5, no. b, Jan. 1955

Source: East European Accessions List, (EEAL), Lc, Vol. 5, No. 3, March 1956

BEGNESCU, P., prof.

Disposal of dead organic matter and sanitation of the territory for
the purpose of preventing zoonoses. J. Hyg. epidem. (Praha) 9 no.1:
73 Ja-F '64

1. Facultatea de medicina veterinara, Iasi.

BEGO, Uros

Comparative relationship of the blood vessels and nerves of the camel,
llama, giraffe, and cattle. Biol. glas 13 no.2/3:307-312 '60.

*Chair of Anatomy, Histology & Embriology, Vet. Faculty,
1. Zavod za anatomiju, histologiju i embriologiju Veterinarskog
fakulteta Sveucilista u Zagrebu.*

Uroš Bego